

Claims

1. A reagent for determination of leucocytes and of
basophil polymorphonuclear leucocytes as well as for
5 measurement of haemoglobin in a sample of blood,
comprising:

- a buffer system that is suited to adjust selectively the
pH of the reagent to an acidic value, in particular to a
10 value lower than 3;

- at least one detergent of cationic type;

- a nitrogenous compound.

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2. The reagent of Claim 1, wherein the buffer system is
suited to adjust the pH to a value equal to 2.4.

3. The reagent according to Claim 1 wherein the buffer
20 system is selected from the group comprising:

- potassium chloride / hydrochloric acid;

- tartaric acid / sodium hydroxide;

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- citric acid / sodium hydroxide;

- potassium hydrogen phthalate / hydrochloric acid;

30 - citric acid / disodium hydrogen phosphate; and

- boric acid / citric acid / potassium dihydrogen
phosphate.

00527028-031600

- the primary amines, the acetates and hydrochlorides of fatty amines;

10 - the amides of substituted diamines, cationised by ethyl sulfate, diethanolaminopropylamine or diethylaminopropylamide; and

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6. The reagent of Claim 5 wherein the thiourea is 1,3-dimethyl-2-thiourea.

25 8. The reagent of Claim 7, wherein the inorganic salt is
an alkali-metal salt. ✓

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10. The reagent of Claim 1, wherein the detergent is present in a concentration of 0.2-20 g/l and the

11. The reagent of Claim 1, having the following
5 composition:

add A1
add B27